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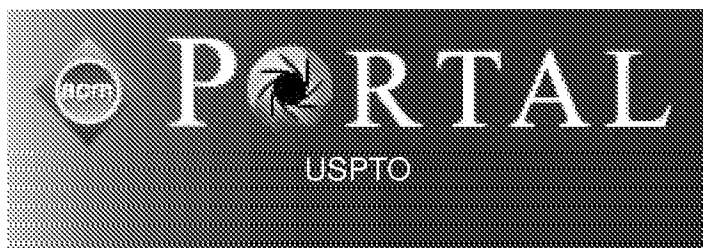
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1 [Challenge: ubiquitous location-aware computing and the "place lab" initiative](#)



Bill N. Schilit, Anthony LaMarca, Gaetano Borriello, William G. Griswold, David McDonald, Edward Lazowska, Anand Balachandran, Jason Hong, Vaughn Iverson

September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available: [pdf\(835.48 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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To be widely adopted, location-aware computing must be as effortless, familiar and rewarding as web search tools like Google. We envisage the global scale Place Lab, consisting of an open software base and a community building activity as a way to bootstrap ...

Keyw ords: GPS, WiFi, context-aware, location-aware, positioning systems, ubiquitous, wardriving, web services, wireless hotspots


2 Managing periodically updated data in relational databases: a stochastic modeling approach



Avigdor Gal, Jonathan Eckstein

November 2001 Journal of the ACM (JACM), Volume 48 Issue 6

Publisher: ACM

Full text available:  [pdf\(466.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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Recent trends in information management involve the periodic transcription of data onto secondary devices in a networked environment, and the proper scheduling of these transcriptions is critical for efficient data management. To assist in the scheduling ...

Keyw ords: Data obsolescence, database replication management, obsolescence cost, stochastic modeling


3 Only touching the surface: creating affinities between digital content and paper



Paul Luff, Christian Heath, Moira Norrie, Beat Signer, Peter Herdman

November 2004 CSCW '04: Proceedings of the 2004 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available:  [pdf\(4.49 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 194, Citation Count: 9

Despite the wide-ranging recognition that paper remains a pervasive resource for human conduct and collaboration, there has been uncertain progress in developing technologies to bridge the paper-digital divide. In this essay we discuss the design of ...

Keyw ords: paper, tangible artefacts, ubiquitous computing

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